

Amendments to the Claims:

Please cancel Claims 2 and 5 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1 and 3 through 9 to read, as follows. Note that all the claims currently pending in this application have been reproduced below for the Examiner's convenience.

Q13
W

1. (Currently Amended) An image-forming apparatus comprising:

a charging object member;

a charging assembly, which is in contact with said ~~the~~ charging object member to electrostatically charge said ~~the~~ charging object member;

an exposure assembly, which forms an electrostatic latent image formed on said ~~the~~ charging object member by exposure;

a non-contact developing assembly for use with ~~making of~~ a magnetic one-component developer, which develops the electrostatic latent image with the magnetic one-component developer to form a magnetic-toner image and which collects a magnetic toner remaining on said ~~the~~ charging object member; and

a transfer charging assembly, which transfers ~~to a recording medium~~ the magnetic-toner image formed on said ~~the~~ charging object member; to a recording medium,

wherein said charging assembly includes ~~comprises~~ a charging member constituted of an elastic body having a ~~the~~ shape of a roller and having a porous material formed on at least on a ~~its~~ surface thereof, wherein said ~~the~~ surface of said charging member is movable with a velocity differential in a range of -101% to -400% and in an the

opposite direction with respect to a moving direction of a ~~the~~ surface of said charging object member, and

~~conductive particles are present at least at the contact surfaces between said charging member and said charging object member;~~

~~said velocity differential being from -101 % to -400 %;~~

wherein said surface of said charging member ~~has~~ having a surface roughness Ra in a range of ~~from~~ 1 μm to 500 μm ;

wherein said surface of charging object member ~~having a surface with~~ has a contact angle to water in a range of ~~from~~ 86° to 103°;

wherein the said magnetic one-component developer comprises 100 parts by weight of comprising a magnetic toner particles including having at least a binder resin and a magnetic material, and 0.01 ~ 20 parts by weight of conductive particles, wherein the conductive particles are present at least at the contact surfaces between said charging member and said charging object member, and wherein the said magnetic one-component developer has having an average circularity (\bar{C}) of 0.950 or more as determined from the following equations:

Equation (1)

$$\text{Circularity (Ci)} = \frac{\text{Circumferential length of a circle with the same area as projected particle image}}{\text{Circumferential length of projected particle image}} \text{ and}$$

Equation (2)

$$\text{Average circularity } (\bar{C}) = \frac{\sum_{i=1}^m C_i}{m}$$

where m represents the number of all particles measured to define the average circularity

(\bar{C}), and

wherein no cleaning unit is present between a downstream side of the transfer charging assembly and an upstream side of the charging assembly.

2. (Canceled)

3. (Currently Amended) The image-forming apparatus according to claim 1 2, wherein the said conductive particles have a specific resistance of $1 \times 10^{12} \Omega \cdot \text{cm}$ or below and an average particle diameter in a range of ~~from~~ 10 nm to 10 μm .

4. (Currently Amended) The image-forming apparatus according to claim 1, wherein said charging object member includes is an electrophotographic photosensitive member, and

wherein an ~~the~~ outer-most surface layer of said charging object member ~~which~~ has a volume resistivity in a range of ~~from~~ $1 \times 10^9 \Omega \cdot \text{cm}$ to $1 \times 10^{14} \Omega \cdot \text{cm}$.

5. (Canceled)

6. (Currently Amended) The image-forming apparatus according to claim 1, wherein said charging member further includes is a charging roller having ~~and the~~ ~~charging roller has~~ a hardness in a range of ~~from~~ 25 degrees to 50 degrees as Asker-C hardness.

7. **(Currently Amended)** The image-forming apparatus according to claim 1, wherein the said conductive particles have a specific resistance of $1 \times 10^{12} \Omega \cdot \text{cm}$ or below.

8. **(Currently Amended)** The image-forming apparatus according to claim 1, wherein the said conductive particles have an average particle diameter in a range of from $0.010 \mu\text{m}$ to $10 \mu\text{m}$.

9. **(Currently Amended)** An image-forming method comprising the steps of:

charging a charging object member electrostatically by means of a charging assembly, which is in contact with the charging object member;

exposing the charging object member thus charged, by means of an exposure assembly to form an electrostatic latent image on the charging object member;

developing the electrostatic latent image by means of a non-contact developing assembly having a magnetic one-component developer; to form a magnetic-toner image on the charging object member;

transferring the magnetic-toner image formed on the charging object member; to a recording medium by means of a transfer charging assembly;

charging by means of the charging assembly the charging object member having thereon a magnetic toner remaining after transfer;

wherein the said charging assembly includes ~~comprises~~ a charging member constituted of an elastic body having the shape of a roller and having a porous material at

least on a its surface thereof, wherein the surface of the said charging member is moved with a velocity differential in a range of -101% to -400% and in an the opposite direction with respect to the surface of the said charging object member, and

wherein conductive particles are present at least at the contact surfaces between the said charging member and the said charging object member,;

~~said velocity differential being from -101 % to -400 %;~~

wherein the said charging member has having a surface roughness Ra in a range of from 1 μm to 500 μm ;

wherein the surface of said charging object member has having a surface with a contact angle to water in a range of from 86° to 103°; and

wherein the said magnetic one-component developer includes 100 parts by weight of comprising a magnetic toner particles including having at least a binder resin and a magnetic material, and 0.01 ~ 20 parts by weight of conductive particles, wherein the conductive particles are present at least at the contact surfaces between said charging member and said charging object member, the and wherein the said magnetic one-component developer has having an average circularity (\bar{C}) of 0.950 or more as determined from the following equations.;

Equation (1)

$$\text{Circularity (Ci)} = \frac{\text{Circumferential length of a circle with the same area as projected particle image}}{\text{Circumferential length of projected particle image}} \text{ and}$$

Equation (2)

$$\text{Average circularity } (\bar{C}) = \frac{\sum_{i=1}^m C_i}{m}$$

where m represents the number of all particles measured to define the average circularity

(\bar{C}), and

wherein no cleaning unit is present between a downstream side of the

transfer charging assembly and an upstream side of the charging assembly.

Q13
Cond.